

PROJECT DESCRIPTION

I. GENERAL

This project involves the use of a temporary traffic signal at the intersection of MD 223 (Woodyard Road) and Rosaryville Road in prince george's county. The intersection will shift approximately 215 feet to the south and shall change from a three-legged intersection to a four-legged intersection. The temporary traffic signal shall utilize span wire attached to temporary wood poles and the ultimate mast arm pole (in the southwest corner).

II. INTERSECTION OPERATION

A controller housed in a pole-mounted cabinet shall be temporarily utilized at this location. The intersection will operate in a fully actuated mode 6 NEMA phases, with exclusive/permissive left turn phasing for southbound MD 223 and northbound Rosaryville Road, and split phasing for westbound Haislip Way and northbound MD 223.

NOTES

- For pavement markings, refer to the MDOT and/or pavement marking plans, as applicable; other than those detailed on the plan. All pavement markings shall be installed in accordance with Administration standards.
- The contractor shall be responsible for terminating all signal cable to the appropriate terminals and properly labeling each cable.
- All traffic signal foundations shall be installed at the final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections, to meet clearances as specified in the appropriate 800 series Standard Plates. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- SHA forces will provide the video detection equipment and do all internal wiring of the controller cabinet.
- All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.
- The contractor shall maintain the continuous operation of all interconnect, vehicular, pedestrian detectors, and lighting devices. If any device is damaged by the contractor, it shall be repaired within 72 hours by the contractor at no cost to the Administration after notification by the Engineer.
- The contractor shall contact the SHA Signal Shop at (410) 787-7650 at least 72 hours prior to starting construction for this phase.

CONTACTS

DISTRICT  
MS. FELECIA MURPHY  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
301-513-7358

MR. VICTOR GRAFTON  
ASSISTANT DISTRICT ENGINEER - UTILITIES  
301-513-7350

MR. KEVIN NOWAK & MR. DUANE BERNARD  
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
301-513-7336

MR. VERNON STINNETT  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
301-513-7304

OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.  
CHIEF, TRAFFIC OPERATIONS  
410-787-7630

MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS  
410-787-7630

MR. ED RODENHIZER  
TEAM LEADER SIGNAL OPERATIONS  
410-787-7650

MR. EUGENE BAILEY  
TEAM LEADER SIGN OPERATIONS  
410-787-7670

MS. DARLENE EIDE  
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)  
410-787-7668

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

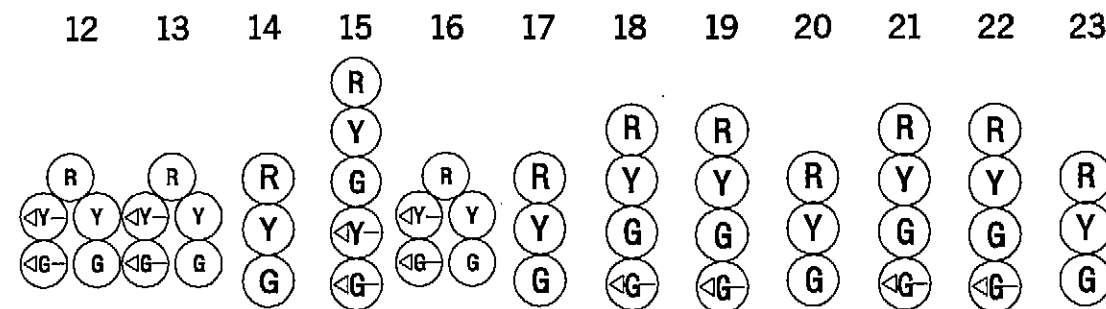
CATEGORY CODE	DESCRIPTION	UNITS	QUANTITY
	NONE		

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE	DESCRIPTION	UNITS	QUANTITY
114245	24 INCH WHITE REMOVABLE PREFORMED PAV. LINE MARKINGS FOR STOP LINES	LF	120
800000	REMOVE AND DISPOSE MATERIALS AND EQUIPMENT	LS	1

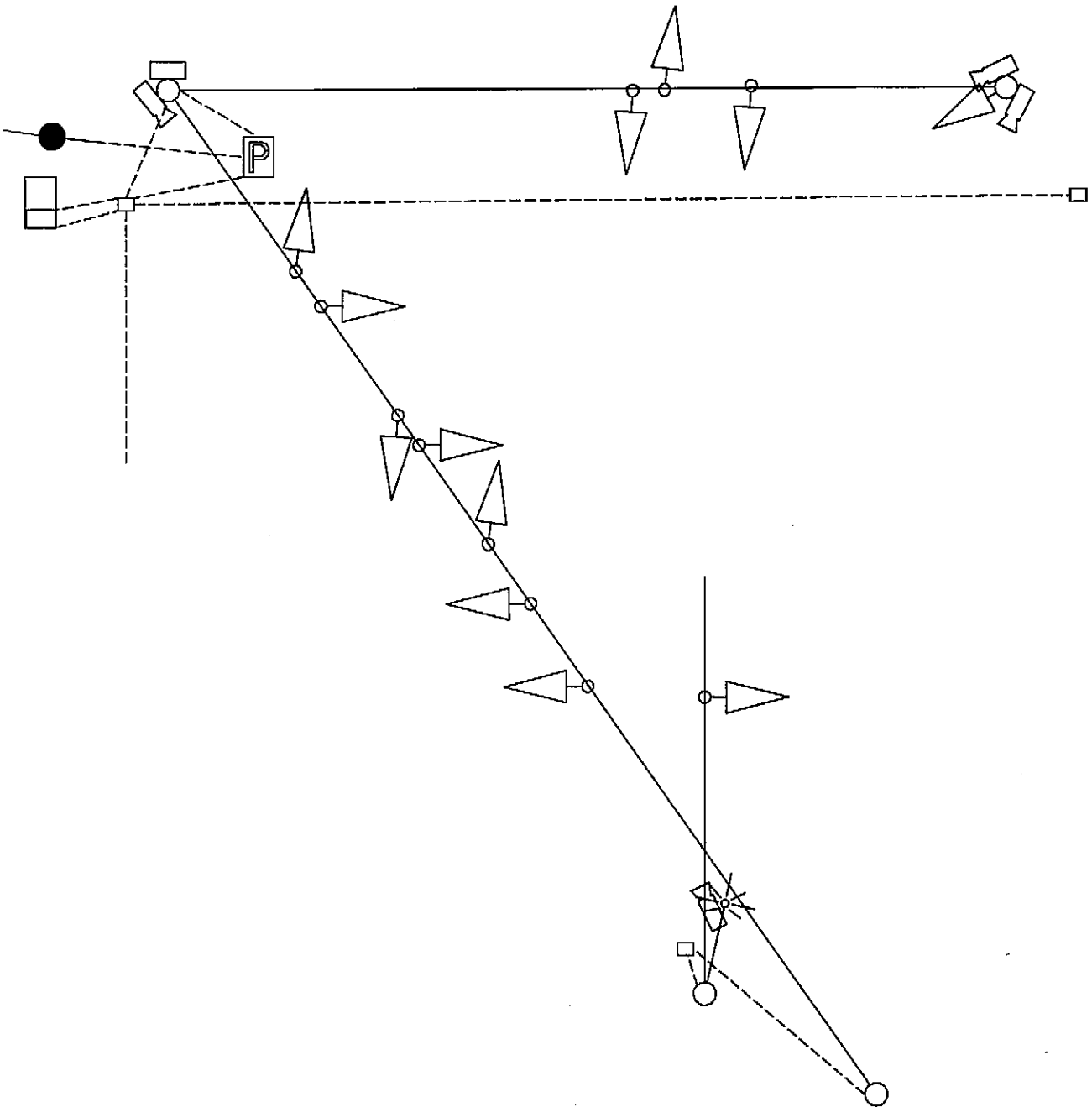
C. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASE CHART



PHASE 1 AND 5	←GR	←GR	R	←R	←GR	R	R	R	R	R	R	R	R
PHASE 1 AND 5 CHANGE TO 2 AND 5, 1 AND 6, OR 2 AND 6													
PHASE 2 AND 5	←GG	←GG	G	R	R	R	R	R	R	R	R	R	R
2 AND 5 CHANGE	←YG	←YG	G	R	R	R	R	R	R	R	R	R	R
PHASE 1 AND 6	R	R	R	←G	←GG	G	R	R	R	R	R	R	R
1 AND 6 CHANGE	R	R	R	←G	←YG	G	R	R	R	R	R	R	R
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	R
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	R
PHASE 3	R	R	R	R	R	R	←G	←G	G	R	R	R	R
3 CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R	R
PHASE 4	R	R	R	R	R	R	R	R	R	←G	←G	G	G
4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

WIRING DIAGRAM



MOT PHASE 1C



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 223 (WOODYARD ROAD) AT ROSARYVILLE ROAD

INTERSECTION IMPROVEMENTS  
ROSARYVILLE, MARYLAND

GENERAL INFORMATION SHEET

SCALE NOT TO SCALE DATE APRIL 2010 CONTRACT NO. PG6285176

DESIGNED BY S. SMITH COUNTY PRINCE GEORGE'S  
DRAWN BY S. SMITH LOGMILE 16022310.24  
CHECKED BY J. WEAVER T.I.M.S. NO. J080  
F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 1530C DRAWING NO. pSG OF N001C SHEET NO. 72 OF 93



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